

Aircraft Noise Report (1 of 2)

Chicago O'Hare International Airport

Period: October 2019

Metric: Aircraft DNL



Site #	Community	Last 12 Months of Monitored Noise Levels											Last Oct 18	12 Month Average vs 1997 ²	Modeled 1997 Values	Modeled 2000 Values	Modeled OMP Build-Out Values	
		Nov 18	Dec 18	Jan 19	Feb 19	Mar 19	Apr 19	May 19	June 19	July 19	Aug 19	Sep 19						Oct ¹ 19
1	Arlington Heights	54.3	56.1	54.7	57.0	50.5	54.5	--	--	54.9	54.0	53.4	53.8	55.1	54.6	63.0	63.0	50.5
2	Melrose Park	62.6	51.7	52.5	53.4	53.9	56.1	55.4	54.6	54.7	54.8	54.9	53.6	62.6	56.0	63.4	61.0	50.3
3	Bensenville	66.6	65.8	64.6	63.9	65.0	64.6	64.9	65.0	64.0	64.7	64.5	65.4	65.7	65.0	71.3	67.3	64.9
4	Schiller Park	56.3	56.1	55.4	56.1	56.6	57.0	58.2	57.8	56.0	57.0	56.8	56.6	57.0	56.7	62.6	62.6	58.8
5	Chicago	58.5	59.6	57.8	57.6	59.0	59.7	59.7	59.0	58.3	58.4	58.5	58.0	59.0	58.7	60.8	59.8	61.9
7	Des Plaines	53.6	51.0	52.0	53.4	52.7	52.9	54.0	53.4	53.3	53.7	51.9	52.8	52.9	53.0	65.4	62.0	48.5
8	Des Plaines	58.7	57.6	56.9	58.0	58.7	57.9	58.1	57.1	56.2	56.1	57.4	58.1	58.4	57.6	70.0	68.8	60.8
10	Rolling Meadows	47.7	49.5	45.5	45.8	47.6	48.1	48.6	49.9	50.3	49.0	49.4	50.0	49.9	48.7	59.0	60.8	48.9
11	Chicago	54.4	53.2	53.3	53.3	54.6	55.6	56.1	55.7	55.8	54.9	55.1	54.3	54.6	54.8	60.9	60.7	50.3
12	Elk Grove Village	59.8	59.2	59.3	--	57.5	59.5	60.3	--	58.8	59.2	59.4	59.7	60.5	59.3	66.7	62.1	57.6
13	Elk Grove Village	63.6	63.0	62.6	64.5	63.4	65.3	65.7	66.0	65.3	66.0	64.4	65.0	64.8	64.7	80.0	77.6	64.6
14	Elk Grove Village	56.4	55.5	57.1	58.0	57.7	57.2	56.3	54.9	55.9	56.8	54.9	56.3	56.8	56.5	67.6	65.7	54.5
15	Franklin Park	53.1	53.0	52.8	53.0	52.5	53.1	53.8	52.5	51.8	51.3	53.2	52.5	53.3	52.8	64.1	62.6	53.6
16	Franklin Park	66.4	66.2	64.5	63.7	65.2	64.1	62.4	63.8	63.3	64.0	65.4	66.5	66.9	64.8	72.2	72.1	63.4
17	Harwood Heights	62.7	62.1	61.3	61.3	62.8	62.4	63.7	62.8	62.6	62.6	62.8	62.6	64.3	62.5	66.4	65.4	57.9
18	Norridge	59.3	58.2	57.8	58.3	59.9	60.9	60.9	60.7	60.6	59.9	59.4	59.7	59.9	59.7	n/a	n/a	n/a
19	Stone Park	56.1	55.8	55.5	55.6	56.1	56.2	56.0	55.4	53.9	55.2	56.7	57.1	58.0	55.9	64.7	61.7	51.6

-- Data unavailable.

n/a - Not Applicable

- Red** represents an increase of 1 dB or more from the same month of the previous year (0 monitors). **Green** represents a decrease of 1dB or more from the same month of the previous year (4 monitors).
- Red** represents an increase of 1 dB or more from the modeled 1997 noise contour level (0 monitors). **Green** represents a decrease of 1dB or more from the modeled 1997 noise contour level (16 monitors).
- The following 3 monitor-days were excluded due to high community noise values: Site 1 (26); Site 2 (19); Site 16 (22).
- The following 1 monitor-day was not available due to malfunction: Site 1 (30).
- Data is included for all days where data is collected for greater than 90% of the day.

Aircraft Noise Report (2 of 2)

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Site #	Community	Last 12 Months of Monitored Noise Levels											Last Oct 18	12 Month Average vs 1997 ²	Modeled 1997 Values	Modeled 2000 Values	Modeled OMP Build-Out Values	
		Nov 18	Dec 18	Jan 19	Feb 19	Mar 19	Apr 19	May 19	June 19	July 19	Aug 19	Sep 19						Oct ¹ 19
20	Mount Prospect	58.9	52.3	--	52.5	53.1	53.0	54.3	54.4	53.4	53.2	54.9	55.7	59.2	54.6	63.5	62.4	49.1
21	Mount Prospect	51.0	48.7	49.7	51.7	51.4	52.5	53.0	52.9	51.7	51.4	51.5	51.2	50.8	51.5	59.6	58.6	53.6
22	Norridge	65.7	64.8	64.3	64.1	65.4	65.6	66.9	66.4	65.8	65.9	66.0	65.4	66.9	65.6	69.2	67.7	59.2
23	Northlake	64.4	65.0	62.7	62.1	64.4	63.5	61.7	62.7	61.8	62.0	62.3	64.1	64.8	63.2	73.5	69.1	59.6
24	Park Ridge	55.2	55.2	53.7	55.8	59.2	62.6	--	--	--	--	54.3	57.4	54.0	57.7	60.3	58.8	50.6
25	Park Ridge	62.5	62.3	61.4	62.9	62.8	65.0	65.2	64.9	63.9	65.4	64.9	63.4	62.9	63.9	69.1	61.8	66.7
26	Park Ridge	59.1	57.9	56.7	58.4	59.3	59.4	61.1	60.6	59.1	59.4	58.6	59.1	58.9	59.2	64.0	61.2	59.5
27	Rosemont	69.0	68.6	68.1	70.1	69.9	70.9	71.9	71.8	70.4	71.2	69.5	70.0	69.6	70.3	73.0	67.6	70.2
28	Schiller Park	74.5	72.9	73.5	72.6	73.8	74.0	74.9	74.9	74.6	75.2	74.4	73.7	74.9	74.1	79.6	78.7	67.9
29	Wood Dale	67.0	66.1	65.0	66.5	66.5	67.5	68.4	68.5	67.5	68.4	67.3	67.1	67.2	67.3	n/a	n/a	65.1
30	Wood Dale	57.7	57.7	56.1	57.0	56.6	57.9	58.4	57.3	56.6	56.7	56.8	58.1	57.6	57.3	n/a	n/a	58.5
31	Bensenville	70.8	70.7	69.1	70.9	70.7	71.3	72.9	72.9	71.9	72.2	71.3	71.6	71.4	71.5	n/a	n/a	n/a
32	Wood Dale	64.5	64.9	62.9	63.4	64.4	64.0	64.8	64.9	64.5	63.5	65.2	65.8	66.0	64.5	71.2	66.4	63.8
33	Park Ridge	63.8	64.8	64.3	64.6	65.0	65.0	64.5	64.7	63.9	63.2	64.1	63.7	64.4	64.3	n/a	n/a	61.9
34	Elk Grove Village	57.6	58.1	56.4	57.2	57.7	58.2	58.6	58.0	--	56.1	54.6	59.8	59.0	57.7	66.3	61.2	61.4
35	Unincorporated Cook	59.2	58.8	56.2	56.9	58.3	57.8	57.0	57.2	58.0	57.9	56.4	58.4	59.3	57.8	70.8	65.4	54.7
37	Mount Prospect	51.3	48.7	47.8	52.0	51.5	52.7	53.2	50.6	52.7	52.3	51.9	52.1	52.4	51.6	55.1	57.0	50.5
42	Chicago	58.6	58.7	56.6	57.2	58.5	58.0	59.4	59.3	58.3	58.5	58.8	58.9	60.4	58.5	n/a	n/a	n/a
44	Itasca	64.9	63.5	62.7	64.8	64.4	65.8	66.7	66.5	65.1	66.3	64.0	64.8	64.7	65.1	n/a	n/a	n/a

-- Data unavailable. n/a - Not Applicable

1. **Red** represents an increase of 1 dB or more from the same month of the previous year (1 monitor). **Green** represents a decrease of 1dB or more from the same month of the previous year (4 monitors).
2. **Red** represents an increase of 1 dB or more from the modeled 1997 noise contour level (0 monitors). **Green** represents a decrease of 1dB or more from the modeled 1997 noise contour level (13 monitors).
3. The following 6 monitor-days were excluded due to high community noise values: Site 24 (26); Site 28 (28); Site 33 (22); Site 35 (1); Site 37 (10); Site 44 (30).
4. The following 14 monitor-days were not available due to malfunction: Site 24 (1-5,29); Site 31 (6-8); Site 33 (6-8); Site 34 (1-2).
5. Data is included for all days where data is collected for greater than 90% of the day.